

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/32894

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F16M 1/00
US CL : 248/638

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST test search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,117,659 A (SHARP et al.) 02 June 1992 (02.06.1992), see whole document	1-20
A	US 6,5777,383 B1 (ITO et al.) 06 May 2003 (06.05.2003), see whole document	1-20
A	US 2003/0183994 A1 (ATWATER) 02 October 2003 (02.10.2003), see whole document	1-20

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance		"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"P" document published prior to the international filing date but later than the priority date claimed			

Date of the actual completion of the international search	Date of mailing of the international search report
26 January 2005 (26.01.2005)	07 MAR 2005
Name and mailing address of the ISA/US	Authorized officer
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